

Canteens



MOLLE Hydration System



Cold Weather Canteen System



Two-Quart Collapsible Canteen



One-Quart Canteen



Mission

Provide Soldiers with a portable means of hydration that interfaces with chemical-biological (CB) masks.

Description and Specifications

The **One-Quart Canteen** with cover is kidney-shaped and consists of a cover, body, strap, and cap that allows drinking from the canteen without removing the chemical-biological (CB) mask.

The **Two-Quart Collapsible Canteen** consists of a bladder, cover, carrying strap, and a cap that allows drinking without removing the CB mask. A pocket for water purification tablets is provided on the cover. The canteen may be carried slung over the shoulder using the carrying strap or attached to the field pack webbing using the belt clips.

The **Cold Weather Canteen System** will provide a means for Soldier hydration during operations in extreme cold environments (i.e., -40 degrees Fahrenheit). The system consists of a single wall, stainless steel, low profile, kidney-shaped canteen with a matching stainless steel cup with handle, and an insulated carrier. The canteen has a one-liter capacity and is constructed with a wide-mouth opening to allow the penetration of a bayonet to break up any ice that forms during use in the extreme cold environment. The M-1 nuclear, biological, and chemical (NBC) cap interfaces with the drinking tube of the chemical protective mask using a cap adapter/mouthpiece of low thermal conductive material. The insulated carrier is designed to attach to the Soldier's equipment belt or his load-carrying equipment.

The **Modular Lightweight Load-Carrying Equipment (MOLLE) Hydration System** is an ergonomically designed water bladder that can be worn individually or integrated with load-bearing equipment or web harness systems. Research and development is ongoing to interface the MOLLE hydration system with the CB mask. This is being addressed in the NBC Environmental Personal Hydration System (NEPHS) research and

development program. It includes a drink tube with bite valve and positive shut-off and an exterior fill port with a handle for filling on the go. The outside pouch is made of abrasion-resistant 1000D Cordura™ nylon and has a sternum strap for added stability.